THERMAL SYNTHESIS APPARATUS AND PROCESS

CONTRACTUAL ORIGIN OF THE INVENTION

This invention was made with United States Government support under Contract

No. DE-AC07-99ID13727 awarded by the United States Department of Energy. The

United States Government has certain rights in the invention.

RELATED APPLICATION

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This application claims priority from United States provisional application S/N 60/181,488, filed on February 10, 2000, the disclosure of which is herein incorporated by reference. This application is also a continuation-in-part of U.S. Patent Application Serial No. 09/320,784, filed May 27, 1999, which is a continuation-in-part of U.S. Patent Application Serial No. 09/076,922, now U.S. Patent No. 5,935,293, filed May 12, 1998, which is a continuation-in-part of U.S. Patent Application Serial No. 08/404,395, now U.S. Patent No. 5,749,937, filed March 14, 1995, the disclosures of which are incorporated herein by reference.

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates generally to a thermal synthesis process. In particular, the present invention relates to methods and apparatus for thermal conversion

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